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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/606,527

06/26/2003

Michael J. Muchlinski

STL11316

5751

7590

06/16/2004

Seagate Technology LLC
1280 Disc Drive
Shakopee, MN 55379

EXAMINER

VU, HIEN D

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 06/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/606,527

Applicant(s)

MUCHLINSKI ET AL.

Examiner

Hien D. Vu

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/26/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Art Unit: 2833

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

2. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-7, 10, 12-15 and 17-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Long (5,893,764).

The disclosure of Long provides a complete response to each and every element set forth in the claims. For example: Figs. 3-7 show a body 18 supporting a plurality of contacts 26, a device 28, a strain relief clip 44 retained by the body 18 and a solder connection 42.

As to claim 2, a base 48 and a cantilevered arm 46.

As to claim 3, fig. 6 shows the width of the arm 36 is greater than the width of each contact 26.

As to claim 5, the device is a printed circuit board 28.

As to claim 6, the first portion 26b and the second portion 26b of the contact 26 for engaging with the first and second sides of PCB respectively.

As to claim 7, the strain relief having a substantially U-shaped and a pair of arms 46 as shown in Fig. 7.

As to claims 12-15 and 17-20, the features of articles claims as described above have same features as method claims and therefore the method for providing strain relief alone is not patentable.

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4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 8 and 9, 11, and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Long in view of Avery et al (6,287,146).

Long does not show the connector having an internal grounding plane member for connecting with the clip. Avery, fig. 7 shows a connector having an internal grounding plane member (88c, 88a) for connecting with a type of pressing member. It would have been obvious to one with skill in the art to modify the connector of Long by forming an internal grounding plane member to be connected with the clip, as taught by Avery, in order to provide grounding for the connector.

6. Hausman, Phalen, Tor et al, Bourdon et al and Wu are cited for disclosure of electrical connector having holding means on the PCB.

7. Any inquiry concerning this communication should be directed to Hien D Vu at telephone number (571) 272-2016.



HIEN VU
PRIMARY EXAMINER